

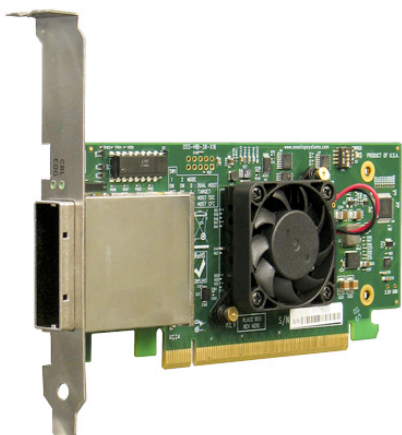


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# PCIe x16 Gen 3 Switch-based Cable Adapter

PCIe x16 Gen 3 switch-based cable adapter with an NT port and a DMA controller. The cable adapter operates in I/O expansion or networking mode with a DIP switch setting change.

OSS-PCIe-HIB38-x16-H/T



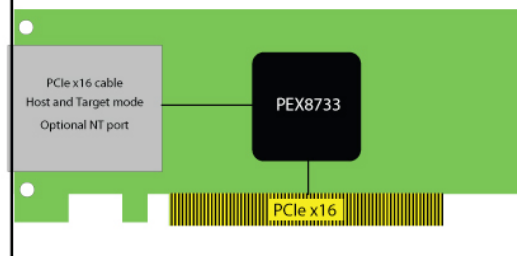
- Operates at up to 128Gb/s at PCIe Gen 3 speeds
- Requires no additional software
- Half-card form factor
- Switch-based board can operate in host or target mode

## TECHNICAL SPECIFICATIONS

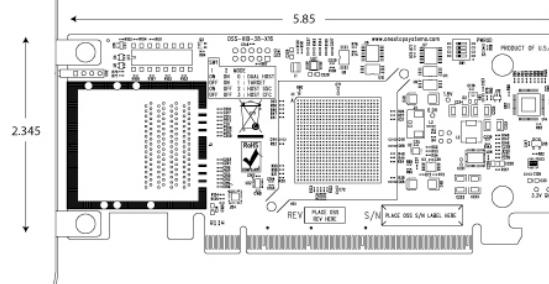
### PCIe x16 Gen 3 Cable Adapter

Form Factor	PCIe low profile
Dimensions	5.85 x 2.34" (14.85 x 5.94 cm)
Power	1.5A @ 3.3V 900mA @ 12V 250mA @ 3.3V aux
Connectors	PCIe x16 cable connector PCIe x16 edge connector
Operating Temperature	0°C to +50°C
Storage Temperature	-40°C to 85°C
Operating Humidity	10% to 90% relative humidity non-condensing
Storage Humidity	5% to 95% relative humidity non-condensing
PCB	PCI Express add-in card standard Thickness .063 +/-0.008 inch (1.6 +/- 0.2mm)
PCIe Switch	<ul style="list-style-type: none"> <li>• PLX PEX8733</li> <li>• 8.0 GT/s 32-Lane PCI Express Gen 3 Switch</li> <li>• DMA controller</li> </ul>
Bracket	Standard and low profile brackets available Two LEDs on bracket
Agency Compliance	Designed to meet: FCC Class A CE RoHS

### Block diagram



### Dimensional drawing



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